

ABSTRACT OF THE DISCLOSURE

An audio/video separator provides a high-performance and cost-effective solution to analog TV reception with only one A/D converter and a minimum of analog IF components. The apparatus may operate on a digitized TV signal and, when integrated with a digital video processor, process video signals while separating audio signals. The resultant audio and video signals may be considered to have excellent signal quality due to highly optimized demodulation architecture and digital signal processing techniques on both audio and video data paths.